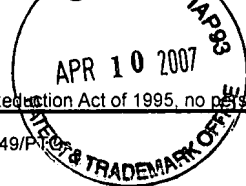


REPLACEMENT STATEMENT



PTO/SB/08A (09-06)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1

of 1

Application Number	10/646,959
Filing Date	08/22/2003
First Named Inventor	William Sumner Brown
Art Unit	2837
Examiner Name	
Attorney Docket Number	WSB1

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 3,158,835	11-24-1964	Otho F. Hipkins	FIG 1 C3 L30 ff
		US- 4,943,798	07-24-1990	Wayman Wayne	C2 L28-52
		US- 5,278,553	01-11-1994	Robert H. Cornett	C13 L11-39
		US- 6,325,173	12-04-2001	William B. Miller	C1 L50 ff
		US- 6,388,565	05 14-2002	Werner Bernhard	FIG 3
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FOREIGN PATENT DOCUMENTS

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

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U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature	/Jason Kurr/	Date Considered	12/27/2006
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